

8/ case type a plus sign (+) inside this box →

PTO/SB/08A (08-00)
Approved for use through 10/31/2001. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Respond to a collection of information unless it contains a valid OMB control number.

| Substitute for form 1449A/PTO | | | | Complete if Known | | |
|-----------------------------------------------------------------------------------------------|--------------------------|----------------------|------------------------|----------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------------------------------|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Application Number | 10/616,641 | |
| | | | | Filing Date | July 9, 2003 | |
| | | | | First Named Inventor | William H. Howland | |
| | | | | Group Art Unit | Not Yet Assigned | |
| | | | | Examiner Name | Not Yet Assigned | |
| Sheet | 1 | of | 2 | Attorney Docket Number | 1880-031286 | |
| U.S. PATENT DOCUMENTS | | | | | | |
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | Pages, Columns, Lines Where Relevant Messages or Relevant Figures Appear |
| | | Number | Kind Code ² | | | |
| V, N | 1 | 4,608,943 | | Doehler et al. | 09/02/1986 | 118/718 |
| | 2 | 4,849,916 | | Abbe et al. | 07/18/1989 | 702/170 |
| | 3 | 5,034,685 | | Leedy | 07/23/1991 | 324/754 |
| | 4 | 5,217,907 | | Bulucea et al. | 06/08/1993 | 438/17 |
| | 5 | 5,385,477 | | Vaynkof et al. | 01/31/1995 | 439/66 |
| | 6 | 5,742,174 | | Kister et al. | 04/21/1998 | 324/762 |
| | 7 | 5,767,691 | | Verkuil | 06/16/1998 | 324/761 |
| | 8 | 5,923,033 | | Takayama et al. | 07/13/1999 | 250/234 |
| | 9 | 5,969,345 | | Williams et al. | 10/19/1999 | 250/234 |
| | 10 | 6,014,032 | | Maddix et al. | 01/11/2000 | 324/762 |
| | 11 | 6,028,437 | | Potter | 02/22/2000 | 324/757 |
| | 12 | 6,064,214 | | Self | 05/16/2000 | 324/754 |
| | 13 | 6,084,420 | | Chee | 07/04/2000 | 324/754 |
| | 14 | 6,091,256 | | Long et al. | 07/18/2000 | 324/762 |
| | 15 | 6,174,744 | B1 | Watanabe et al. | 01/16/2001 | 438/14 |
| | 16 | 6,211,540 | B1 | Takahashi et al. | 04/03/2001 | 257/252 |
| V, N | 17 | 6,232,143 | B1 | Maddix et al. | 05/15/2001 | 438/100 |

[illegible]

| | | | |
|-----------------------|------------------|--------------------|------------|
| Examiner Signature | <i>V. Nguyen</i> | Date Considered | 01/15/2004 |
|-----------------------|------------------|--------------------|------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

{W0083354.1}